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15. Laparoscopic Approach to a very big Ovarian Fibroma: A Case Report

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Abstract

Ovarian fibroma, is the most common benign solid tumor of the ovary, which is often difficult to diagnose preoperatively. The treatment of choice for ovarian fibroma is surgical removal, but discussions for the operative approach, whether laparoscopic or open, in the literature seem to be scant. Here we present a unique clinical experience of laparoscopic approach to a case of 15cm unilateral ovarian fibroma in a 24 years old patient, with a successful and complete resection of the tumor beside the ovarian tissue preservation.

Keywords: ovarian fibroma, benign ovarian neoplasm, laparoscopy, thecoma.
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16. Response of breast cancer cells to radiotherapy

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Abstract

Back grand: Radiotherapy is one of the selected treatment methods in the breast cancer. The cell colony forming ability and study of survival curve is acceptable assay for presentation of breast cancer cells responding to radiation treatment. Material and

Methods: In this study MCF-7 (human mammary epithelial) cells were cultured and classified to 400 and 2000 cells for colony forming assay. Irradiation was cobalt 60 and colony of exposed and control cells counted after two weeks incubation in 37 centigrade. Results: The results show the large initial shoulder for survival curve of MCF-7 cells. Survival fraction after exposure to 2 and 8 Gy were 69 and 6 percent, respectively.

Conclusion: Study of survival curve in breast cancer cells (MCF-7) showed moderate senility to radiation.

Key word: breast cancer cells, radiotherapy, survival fraction

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17. Germ cell tumor during pregnancy, a case report

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Abstract

Introduction: Germ cell tumors are derived from the primordial germ cells of the ovary. Immature teratoma is the second most common germ cell malignancy. About 50% of pure immature teratoma of the ovary occurs in women between the ages of 10 and 20 years, and they rarely occur in pregnancy. In this paper we report a case of malignant immature teratoma diagnosed at 18 weeks of gestation in a 21-year-old woman.

Case report: A 21-year-old woman gravid 1 Para 0 in 18 weeks of gestation was diagnosed with right ovarian mass 180mm.200mm.160mm in diameter incidentally during prenatal ultrasound scanning. She was underwent surgery by unilateral salpingo-oophorectomy and surgical staging. The result of pathology showed stage I a grade I immature teratoma of ovary. Her pregnancy continued until term, she had delivery at 38 week, and a male normal newborn with 2900 gram in weight was born.

Conclusion: However, immature teratomas of ovary during pregnancy are rare, but clinician should consider them in younger pregnant women even in asymptomatic cases.

Key word: Ovarian, germ cell tumor, immature teratoma

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